

**BANDAGE WITH CHINESE MEDICINE-HEMOSTATIC**

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Chinese Utility Model Patent Application No. 89206603.2

Title: Chinese Medicine Tourniquet Bandage

**Abstract:**

The present utility model discloses a Chinese medicine tourniquet bandage having hemostasis and bandaging function. The bandage has one end coated with a paste of Chinese medicinal herbs with hemostasis function, and is ready for use after being dried. The bandage can be directly applied to a minor or moderate wound without the application of hemostatic and analgetic and the use of dressing and gauze bandage to achieve the purpose of hemostasis, analgesis and antiinfection. The tourniquet bandage can be manufactured simply, is ease for carrying and use, and can effectively stop bleeding.

**Claims:**

1. A Chinese medicine tourniquet bandage, characterized in that it consists of two parts, a medicinal gauze 1 and a gauze bandage 2, in which the medical gauze 1 is coated with a paste of Chinese medicinal herbs.
2. The Chinese medicine tourniquet bandage according to claim 1, characterized in that the medicinal gauze 1 and the gauze bandage is linked by an adhesive tape.

**Specification:**

The present utility model pertains to a medical and health care product, specifically to a Chinese medicine tourniquet bandage.

At present, minor or moderate wound and bleeding usually are treated with Chinese medicine and/or Western medicine and then bandaged with dressing and gauze bandage for hemostasis, analgesis and antiinfection. However, in this method, the application of medicine and the use of gauze bandage are separated, so that the added steps result in delay of hemostasis and analgesis, and patients to be treated may be subject more pain. In particular, both

hemostatic and bandage must be carried in battlefield and in clinic.

The present utility model provides a portable Chinese medicinal tourniquet bandage for quick hemostasis and analgesis.

In the present utility model, the tourniquet bandage consists of two parts: an anterior segment of gauze coated with a paste of Chinese medicine herbs, and a posterior segment of gauze bandage. The former has hemostatic and analgetic function, while the latter is used for bandaging wound. These two parts can be linked by an adhesive tape. Alternatively, one end of gauze bandage is coated with the paste.

Fig.1 is a schematic diagram of the Chinese medicinal tourniquet bandage.

Fig.2 is a cross-section diagram of the part of medicinal gauze.

In Fig.1 and Fig.2, 1 represents medicinal gauze, 2 represents gauze bandage, and 3 represents adhesive tape.

The Chinese medicinal tourniquet bandage and its manufacture and usage are illustrated in combination with the following examples.

Steps for the manufacture:

- 1) 50 g of hemostatic Chinese medicinal herbs are ground to form a fine powder, mixed uniformly, added with 3 ml of distillate spirit, then added with 250 ml of water, agitated sufficiently, heated and boiled to form a paste;
- 2) One 140 mm end of a 70 x 210 mm disinfected absorbent gauze is dipped in the paste of Chinese medicinal herbs and taken out, the paste on the gauze is screeded and dried, and then the gauze with the paste is folded to form a two-layer medicinal gauze having a size of 70 x 70;
- 3) The other end of the disinfected absorbent gauze, i.e., the end having a size of 70 x 70 without the paste, is adhered at one end of a 70 x 140 adhesive tape;
- 4) A gauze bandage with a width of 70 mm is adhered at the other end of the adhesive tape;
- 5) The tourniquet bandage above made is disinfected by autoclaving and then

packaged in a plastic bag to keep disinfect state. The part of medicinal gauze may be covered with a plastic film to avoid contact between the paste and the gauze bandage.

The area and size of the medicinal gauze can be determined in accordance with requirements. For example, the medicinal gauze may have a relatively large area and more than two layers for treatment of a wound with a relatively high bleeding rate, but the width of the medicinal gauze should be consistent with or slightly narrow than the width of the gauze bandage.

During the application of the tourniquet bandage, the plastic bag is opened, the medicinal gauze is dressed on wound, and then the wound is bandaged by the gauze bandage. Thus, the time for treatment of wound is significantly shortened to achieve hemostasis and analgesis effects in time, so that the suffering of patient is significantly reduced. In addition, the tourniquet bandage is ease to be carried.

The formula of hemostatic Chinese medicinal herbs is: Panax pseudo-ginseng : Puff-ball : ginseng : fossilia ossis mastoid : Drac(h)onis sanguis : frankincense = 15 : 9 : 3 : 3 : 9 : 10 (weight ratio).